

FIGURE 1

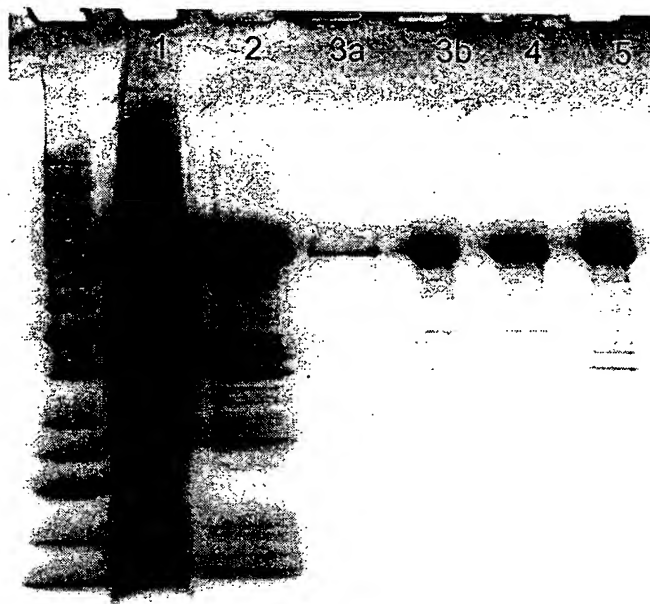


FIGURE 2



FIGURE 3

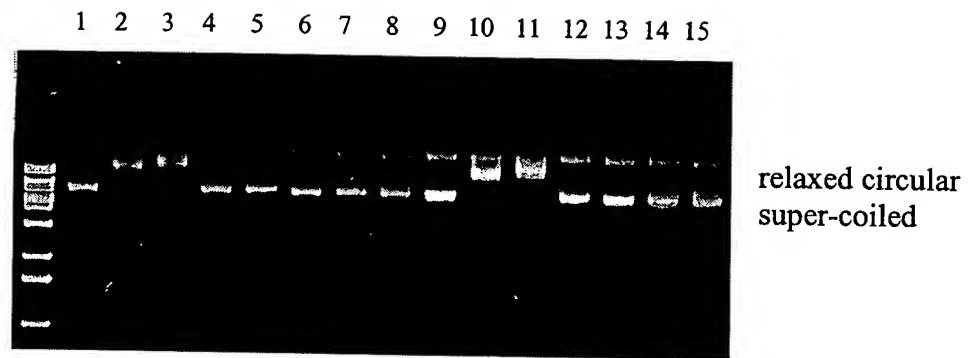


FIGURE 4

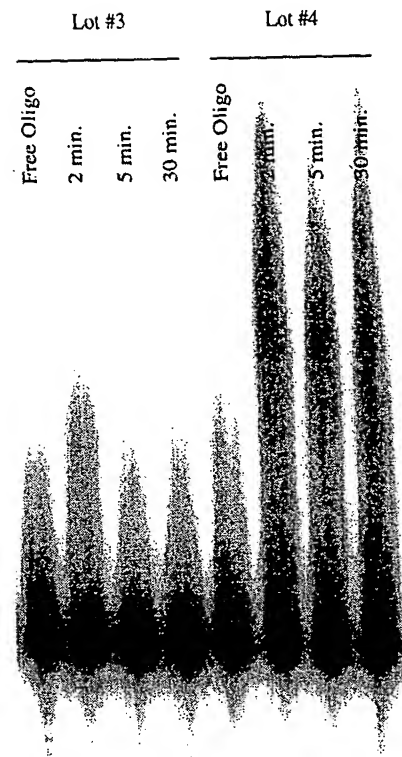


FIGURE 5

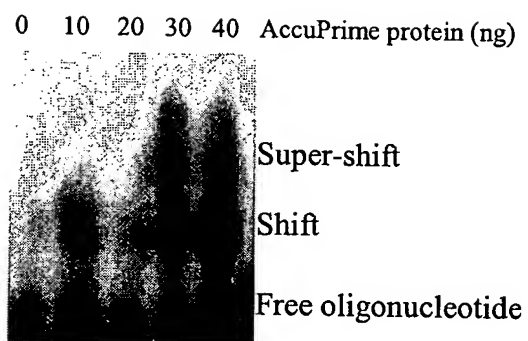
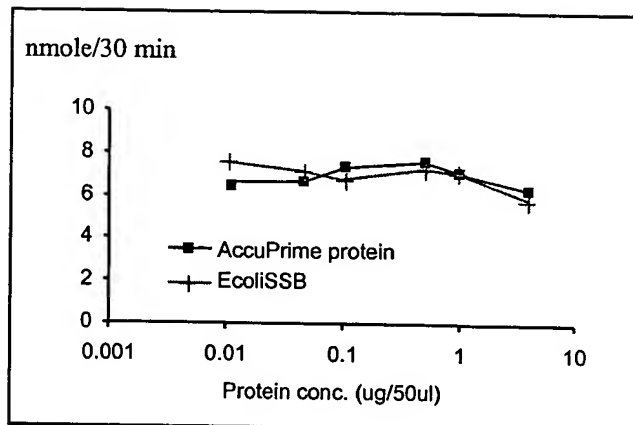


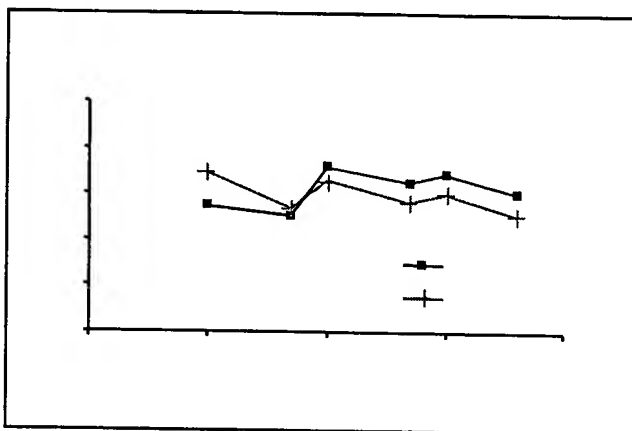
FIGURE 6

(A)



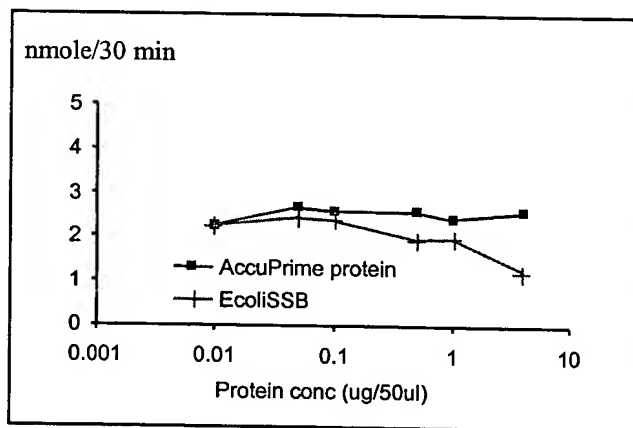
Templ. conc: 1 ug/50ul
Inc. temp.: 74°C
Incubation: 30 min

(B)



Templ. conc: 22.5 ug/50ul
Inc. temp.: 74°C
Incubation: 10 min

(C)



Templ. conc: 2.25 ug/50ul
Inc. temp.: 70°C
Incubation: 10 min

FIGURE 7

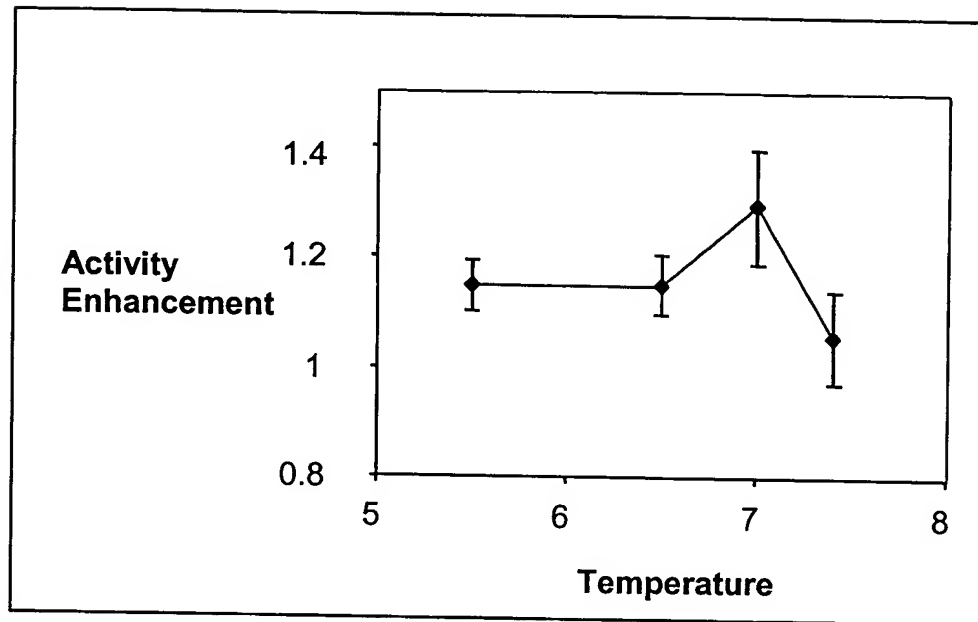
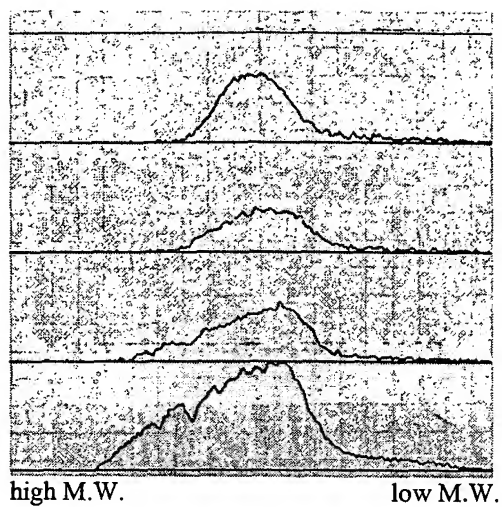
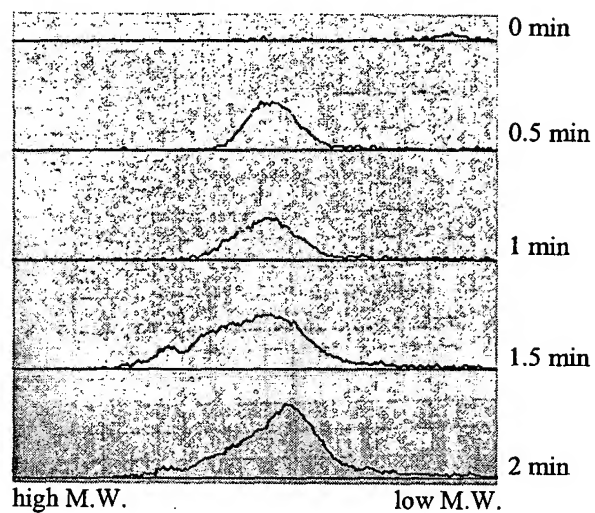


FIGURE 8

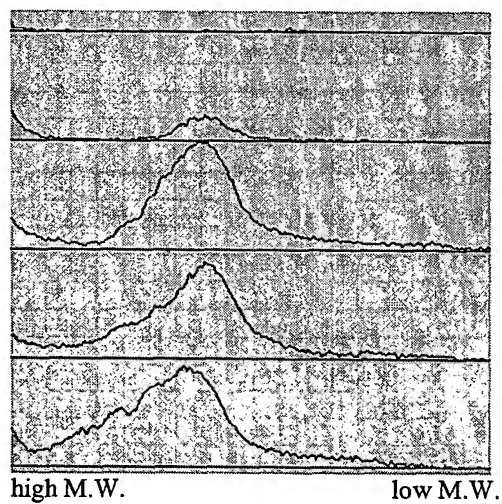
(A) Control



(B) 50 ng AccuPrime protein / 50 μ l rxn



(C) 100 ng AccuPrime protein / 50 μ l rxn



(D) 100 ng MthSSB / 50 μ l rxn

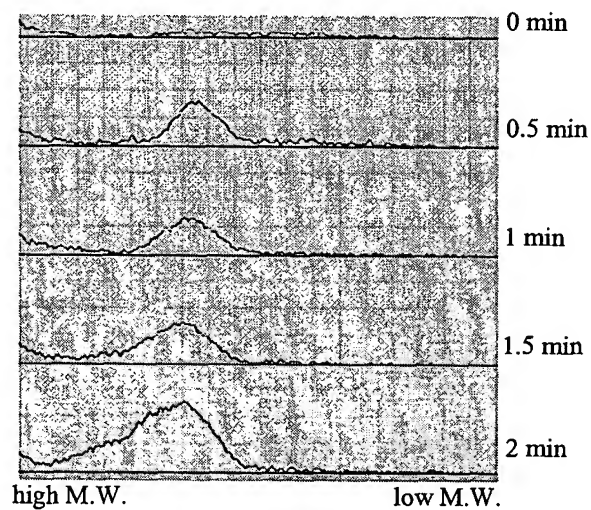


FIGURE 9

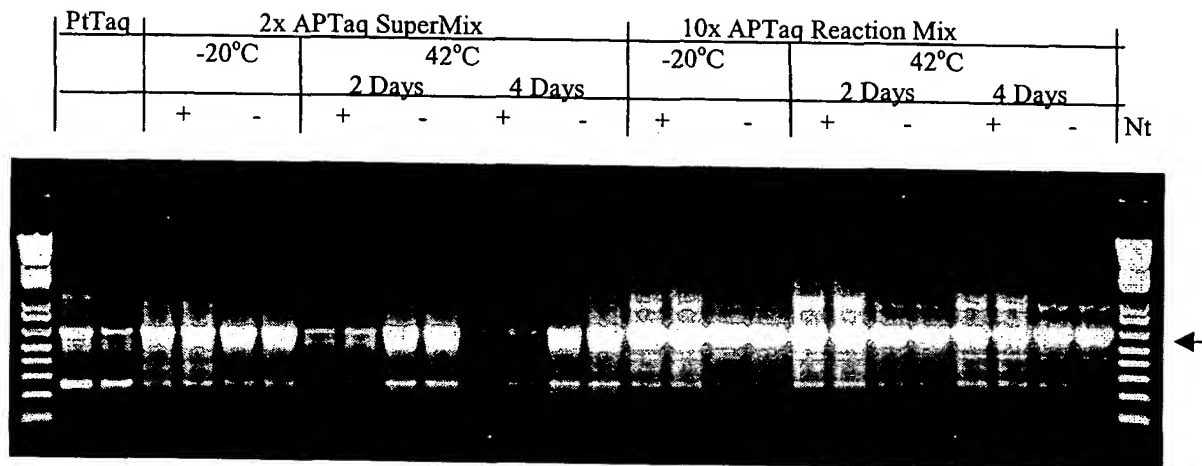
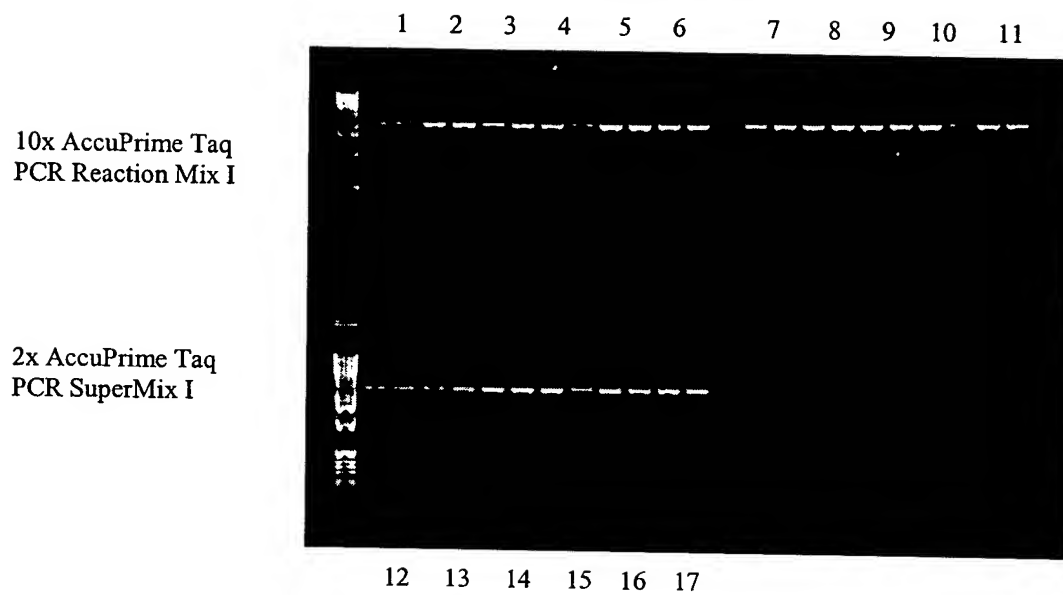


FIGURE 10

(A)



(B)

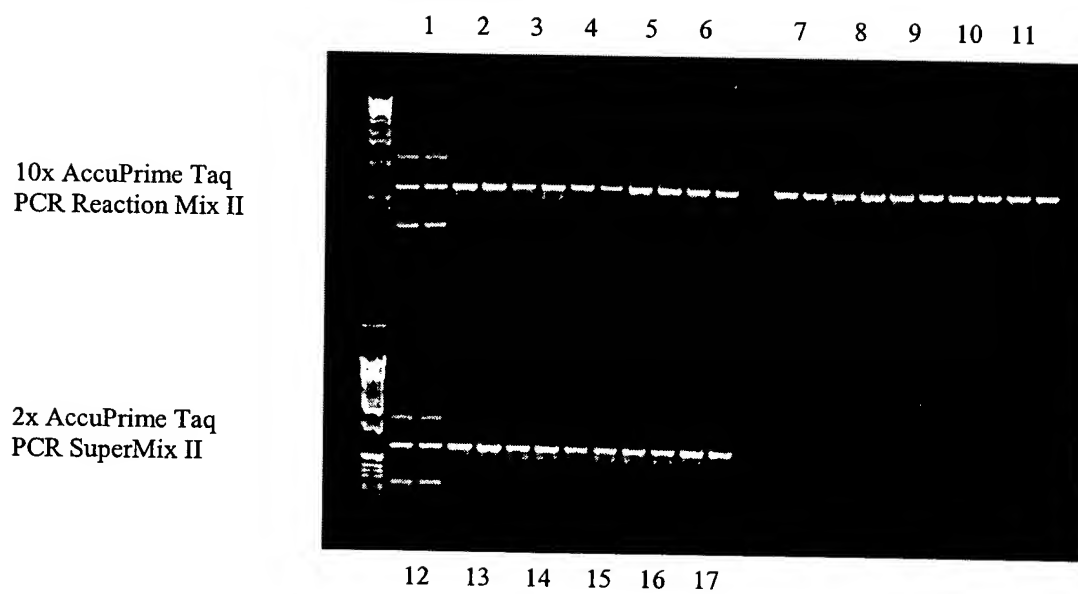
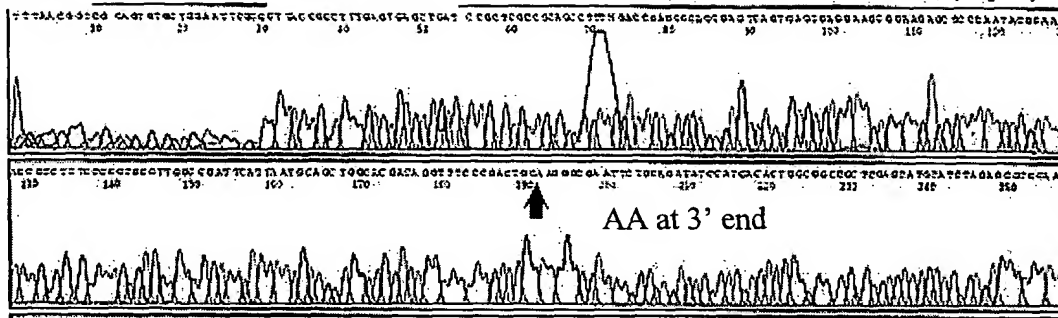


FIGURE 11

Clone #1

↓ TT at 5' end



Clone #2

↓ TT at 5' end

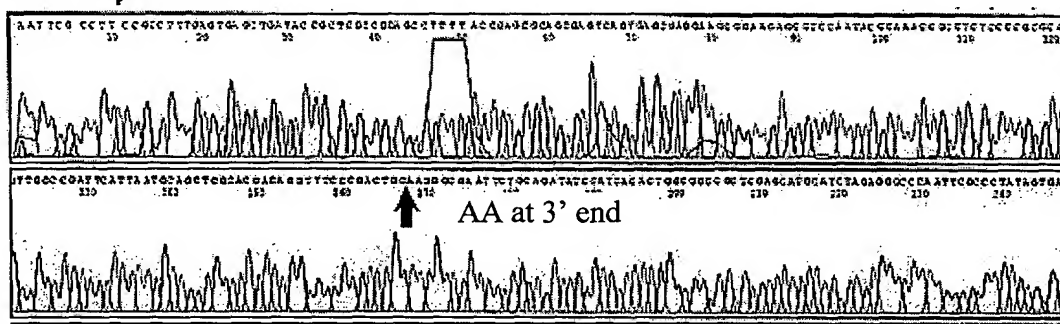


FIGURE 12

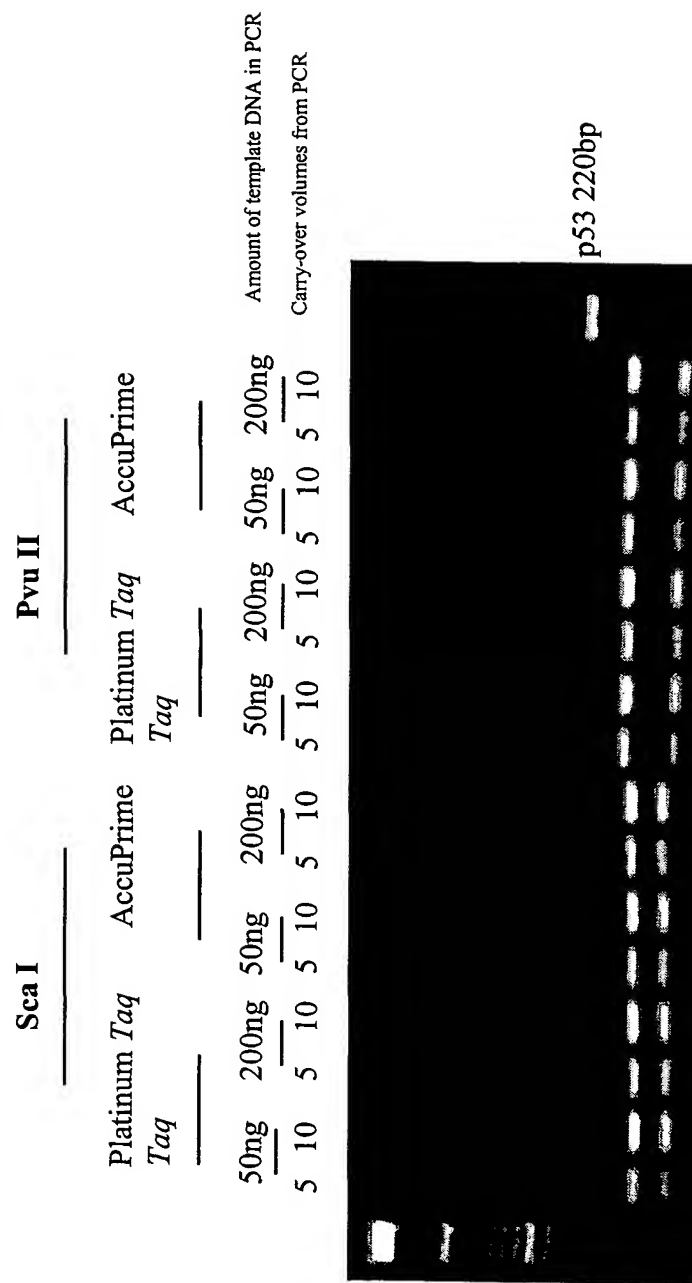


FIGURE 13

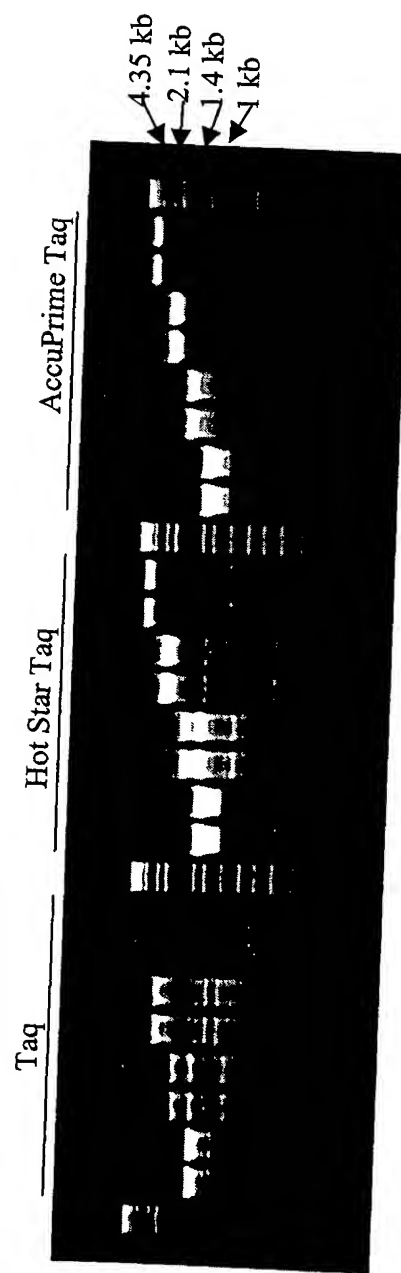
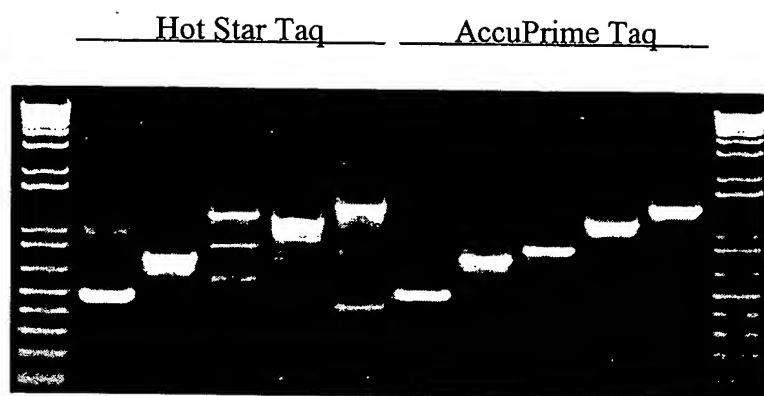


FIGURE 14

(A) Short Amplicons



(B) Long Amplicons

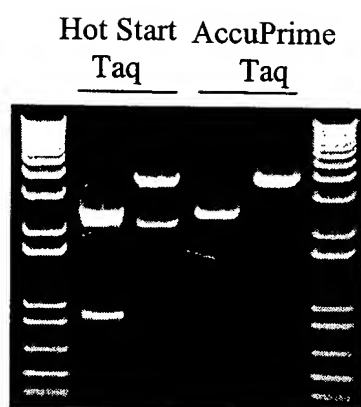


FIGURE 15

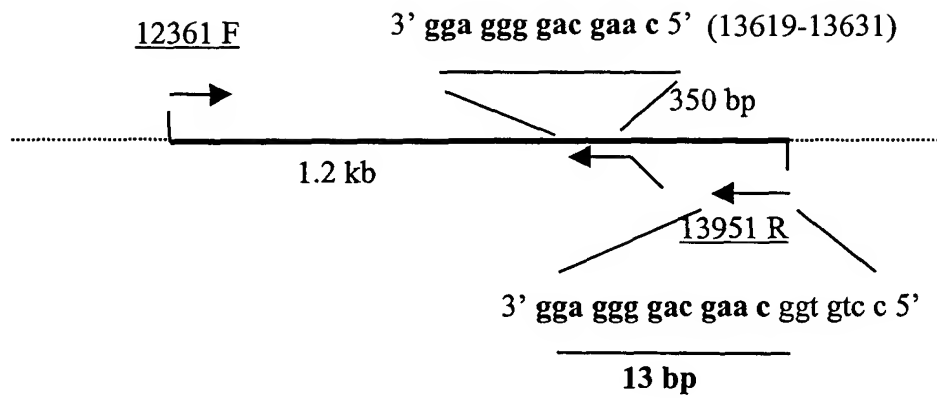
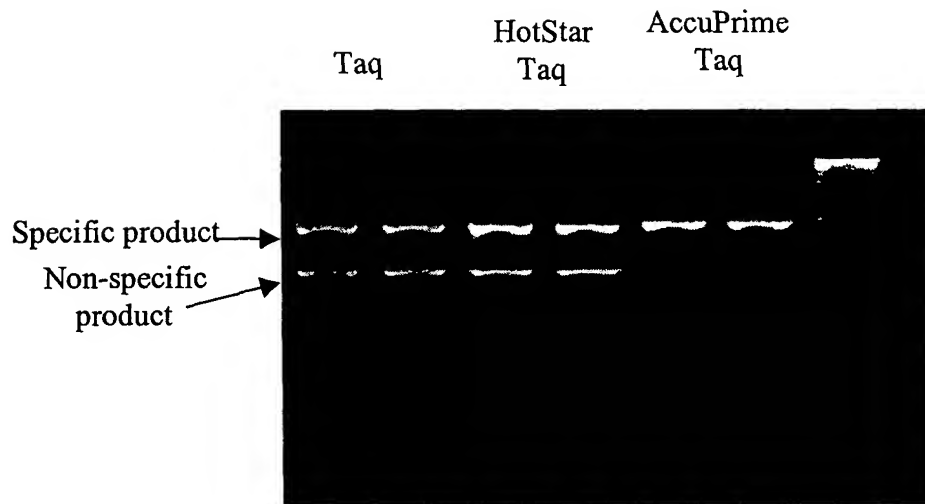


FIGURE 16

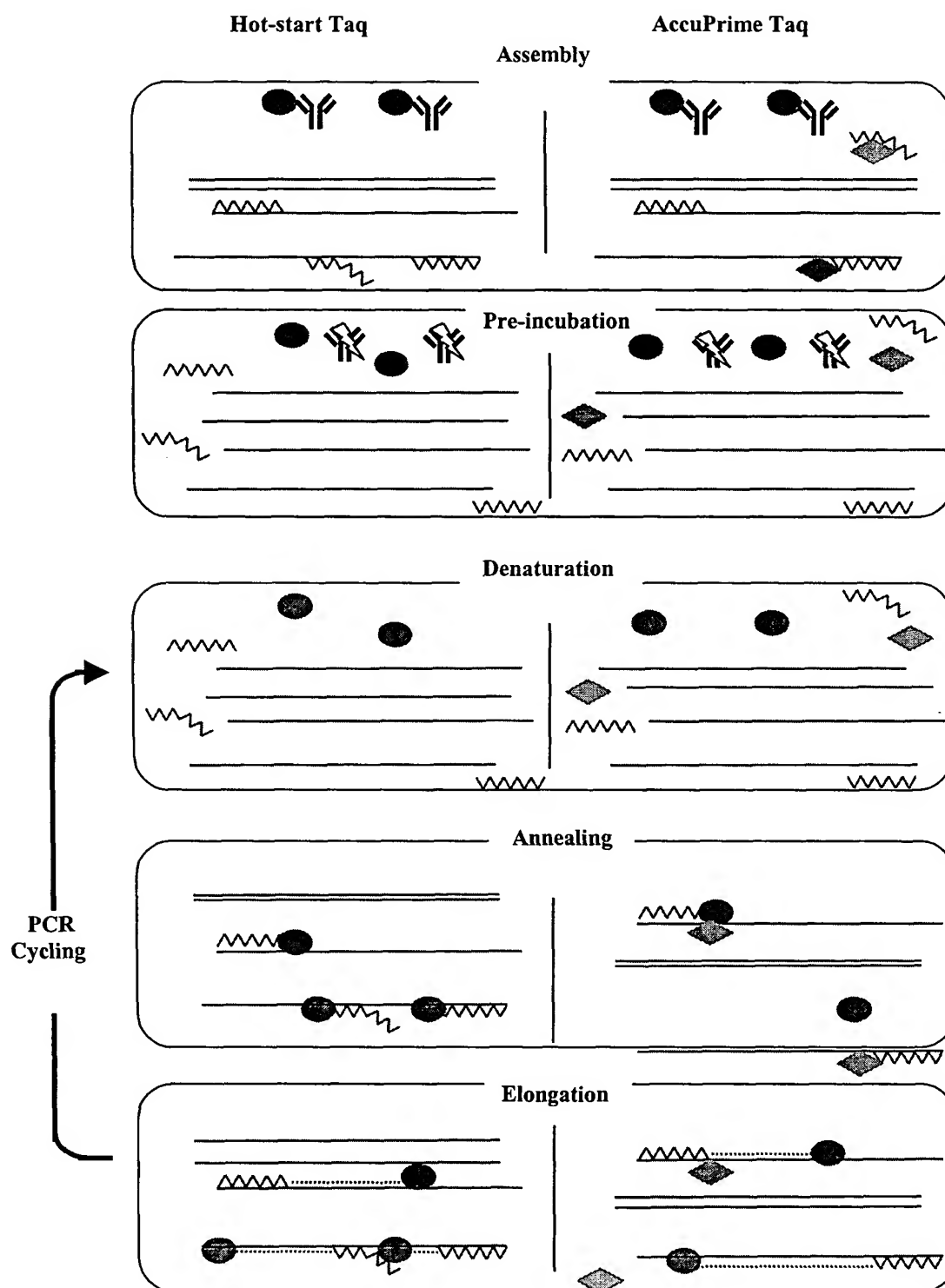
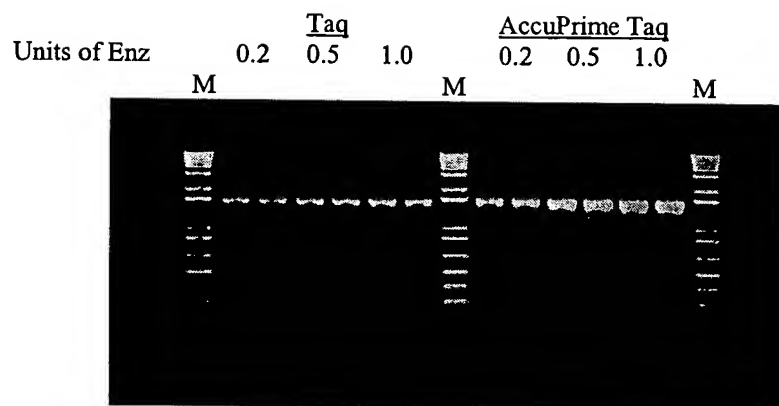


FIGURE 17

(A) 10 μ l PCR



(B) 25 μ l PCR

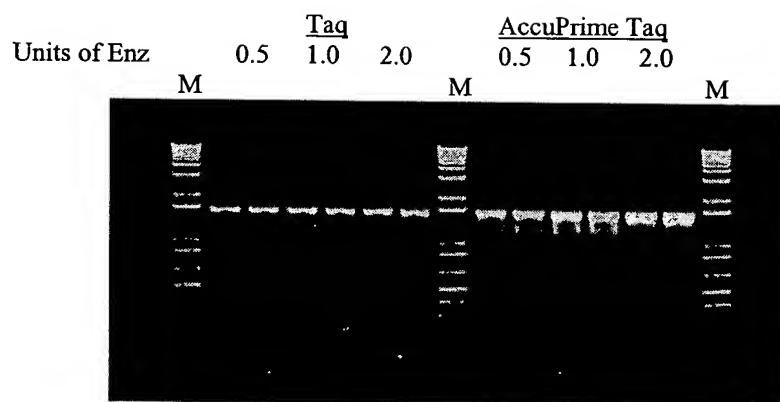


FIGURE 18

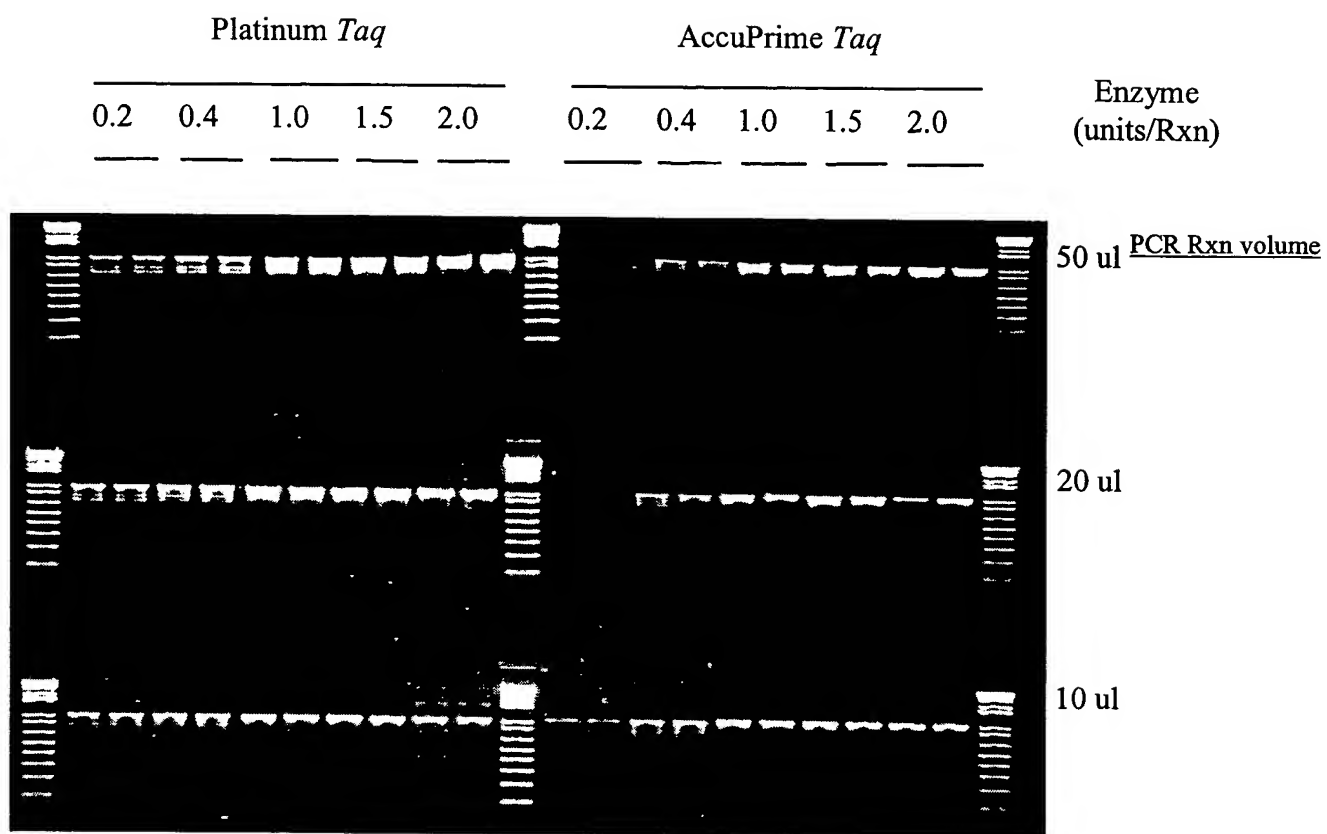


FIGURE 19

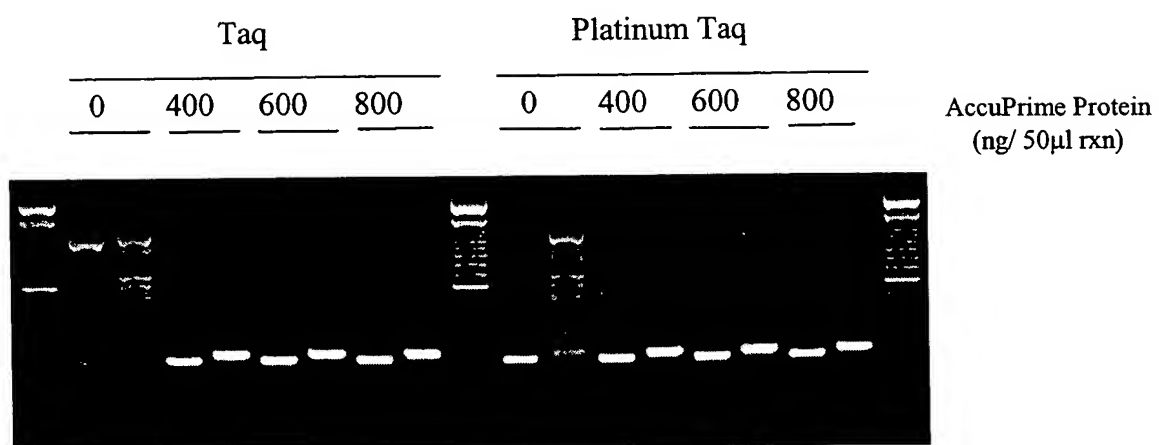


FIGURE 20

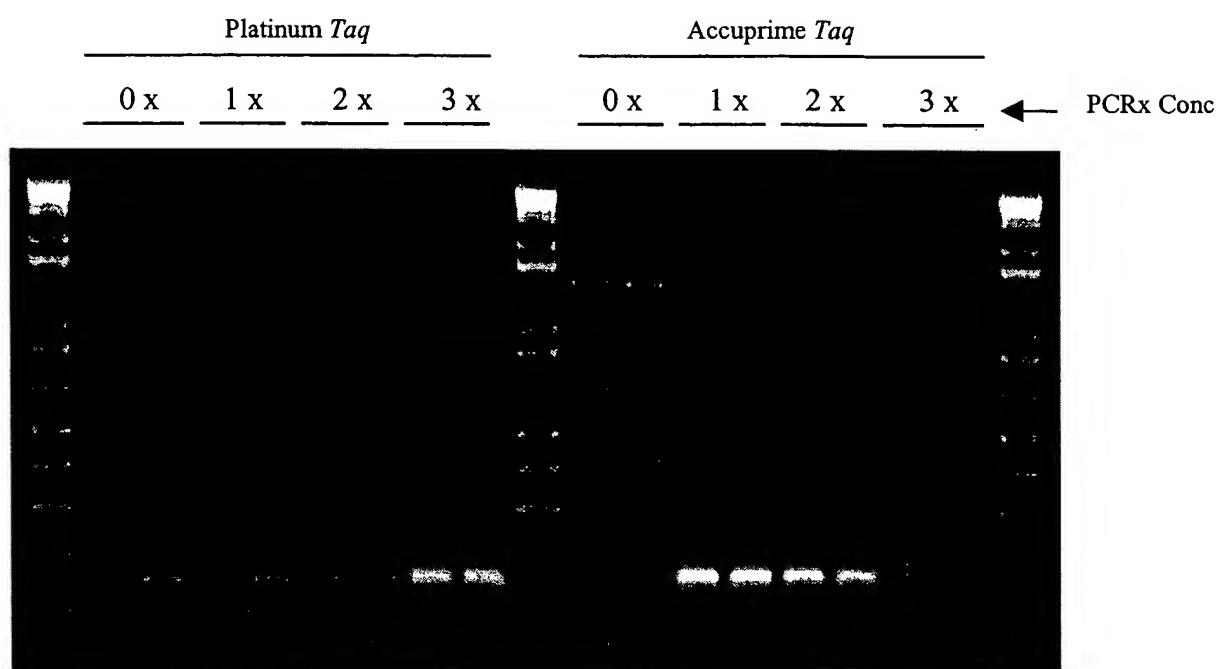


FIGURE 21

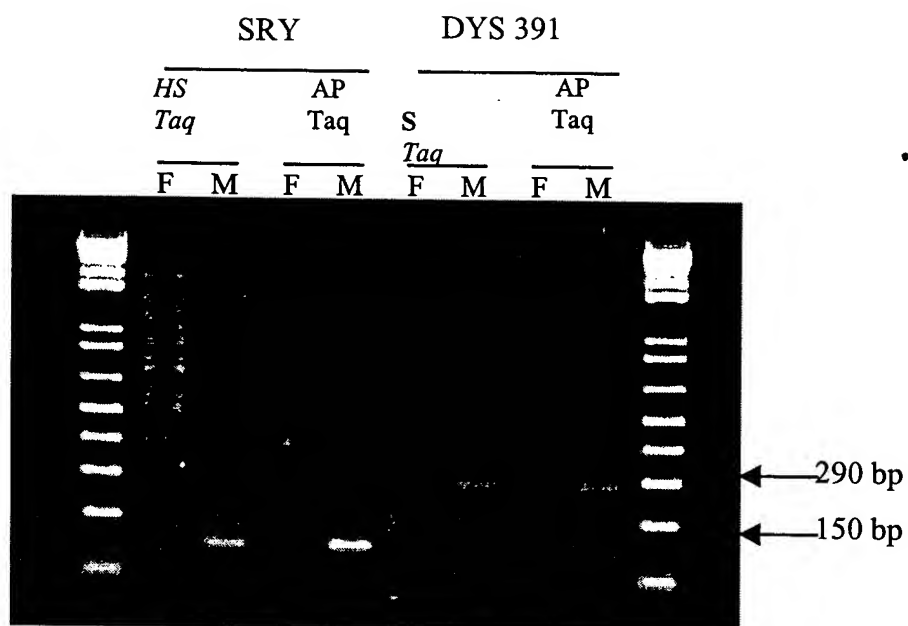


FIGURE 22

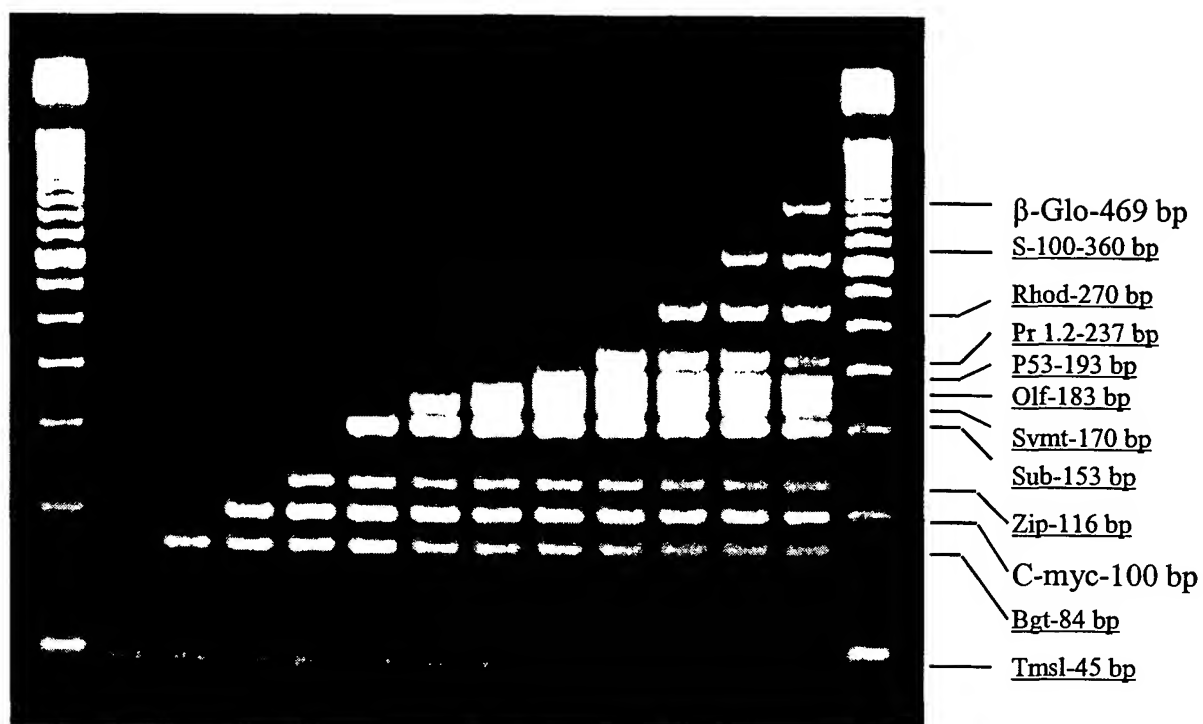


FIGURE 23

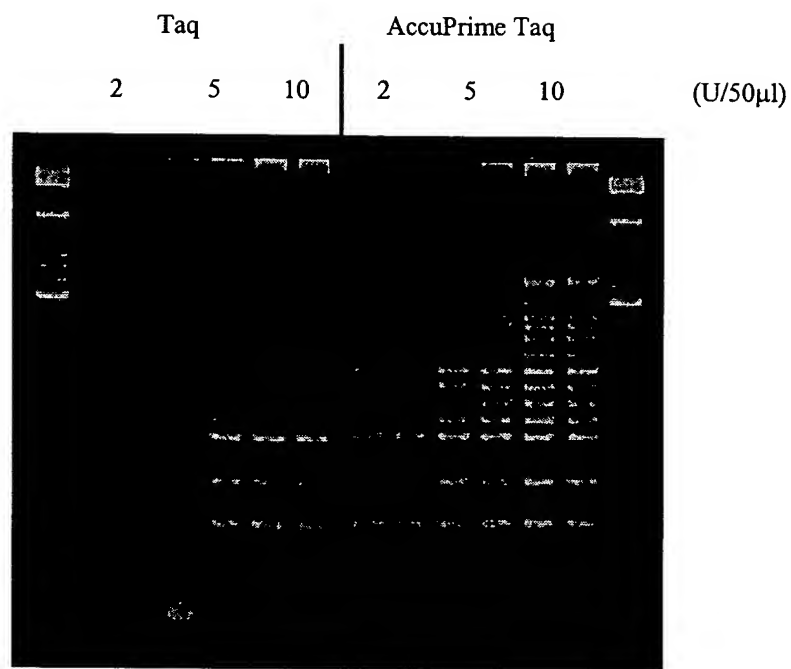


FIGURE 24

M Platinum Taq M AccuPrime Taq M

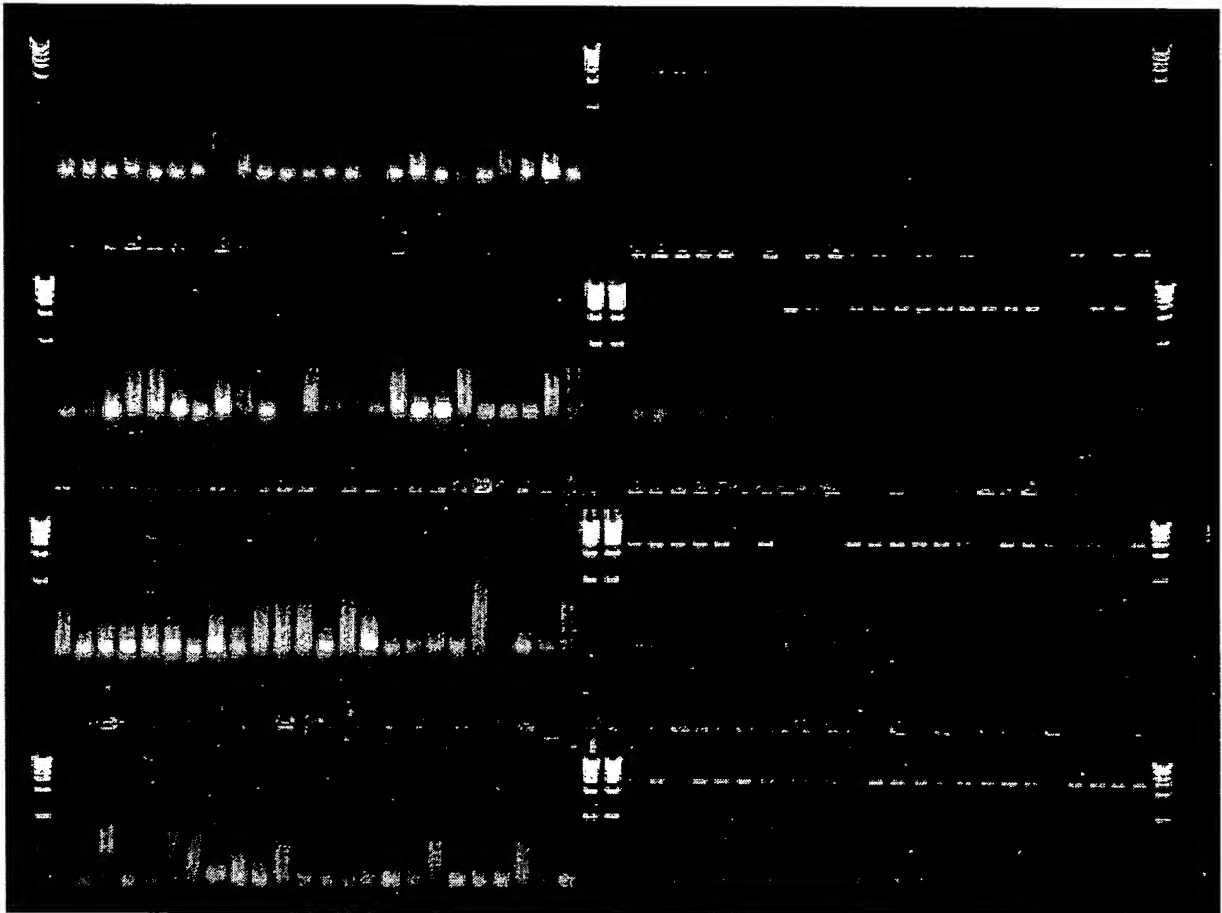


FIGURE 26

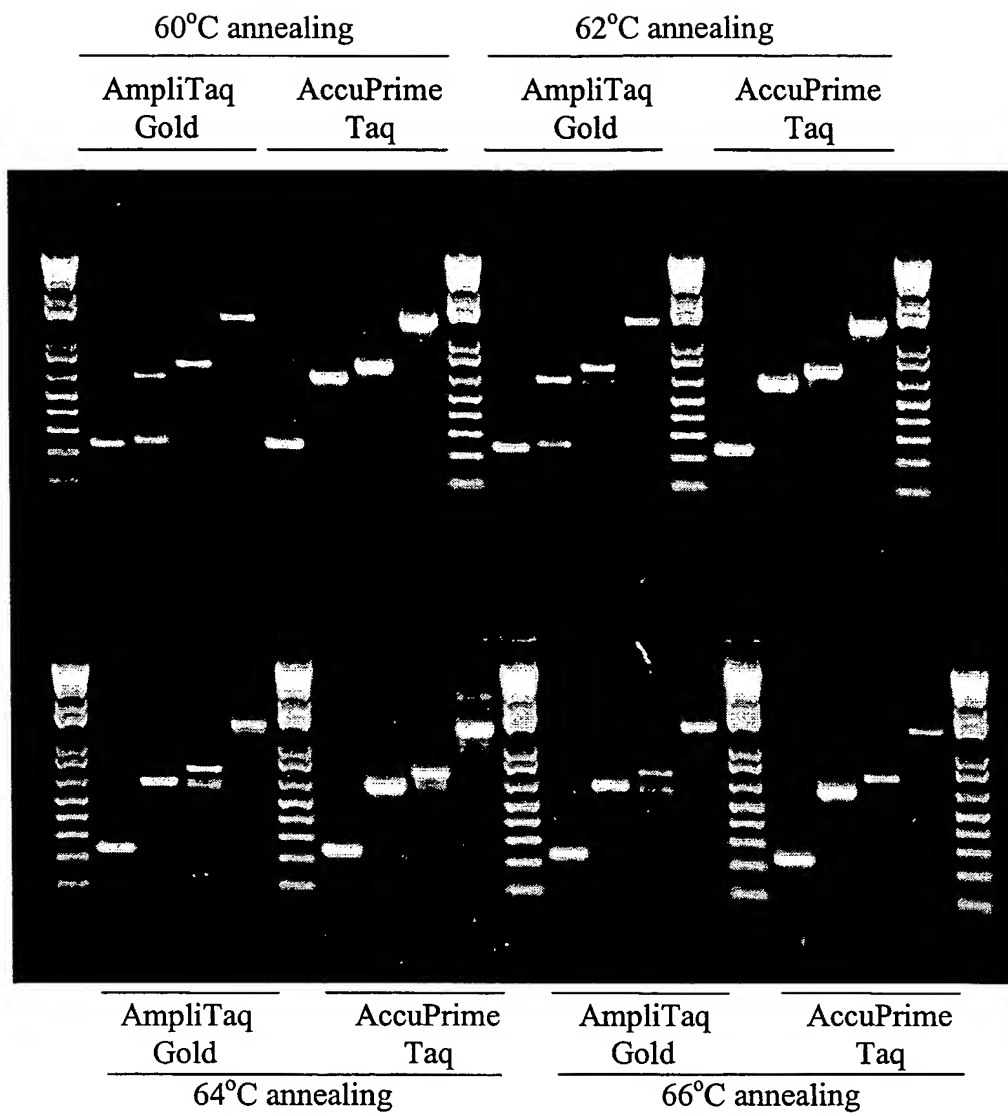


FIGURE 27

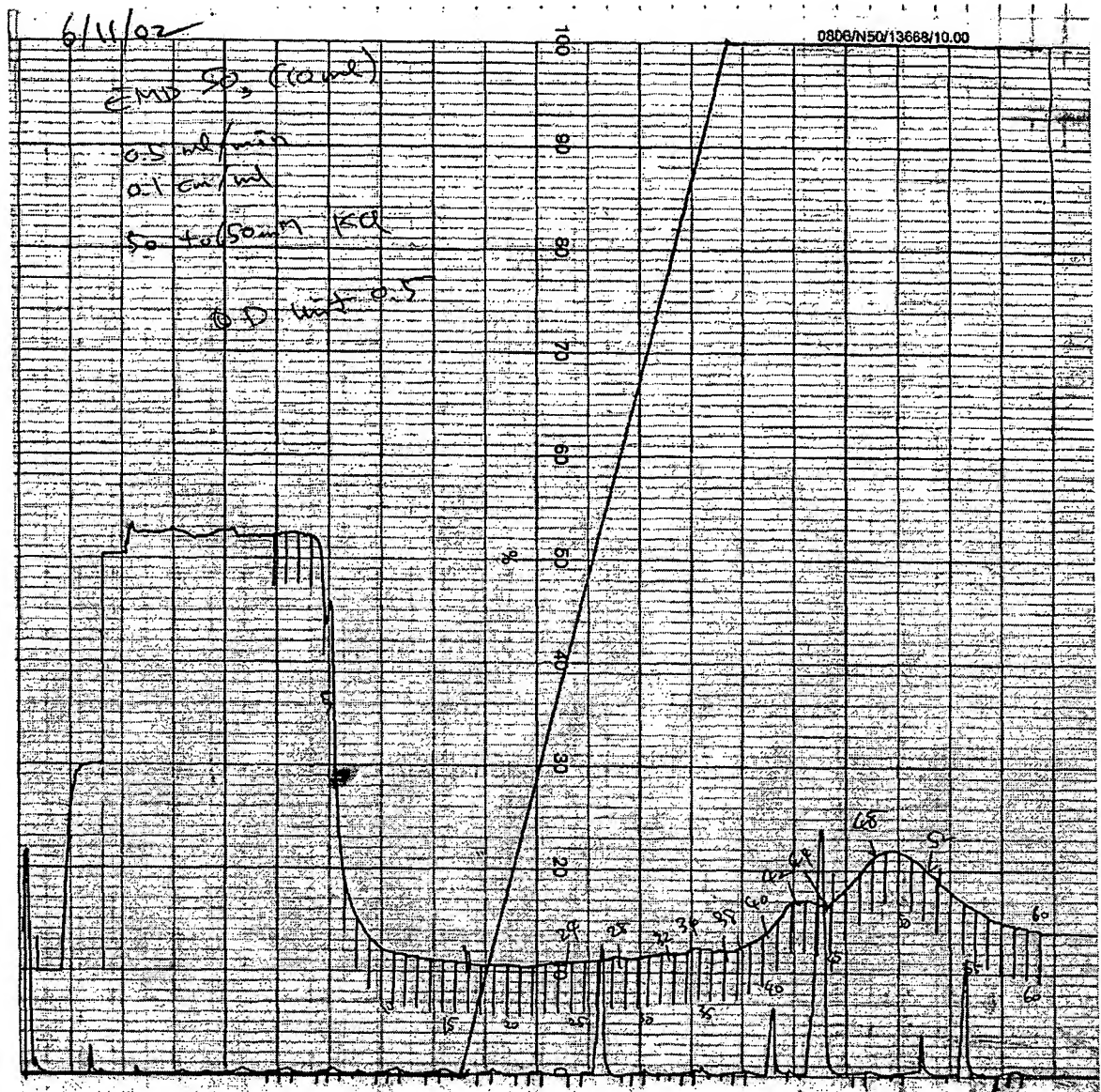


FIGURE 28

M 1 2 3 4 5 6 7 8 9 10 11

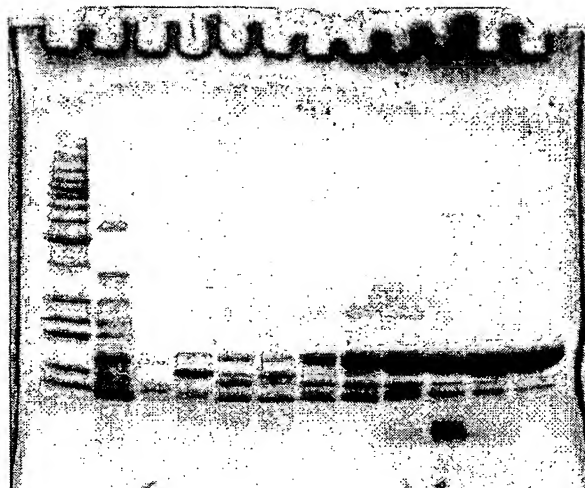
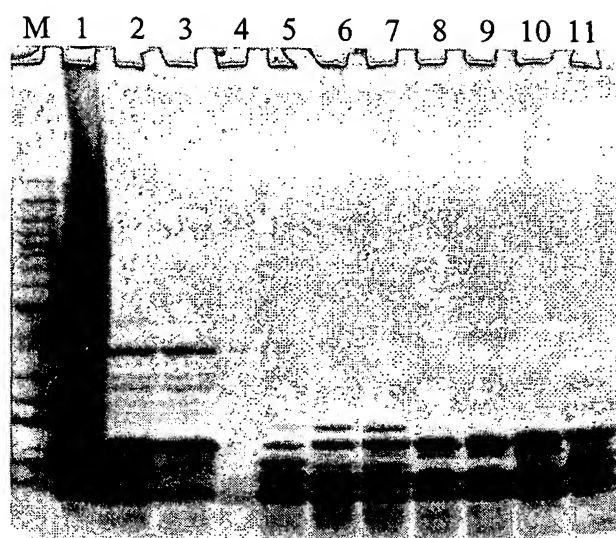


FIGURE 29



FIGURE 30

(A)



(B)

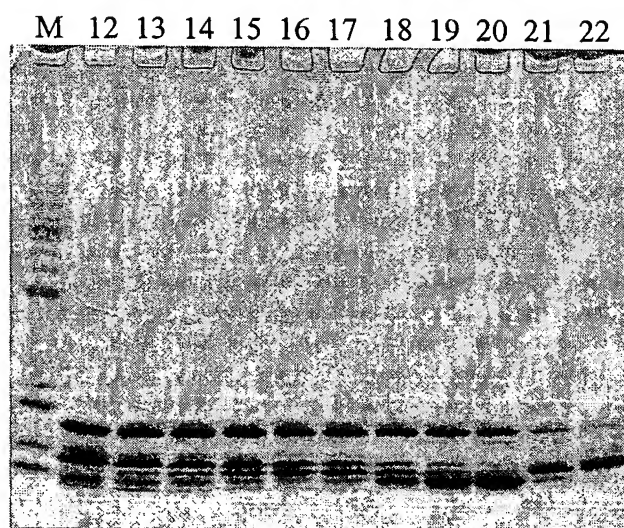


FIGURE 31

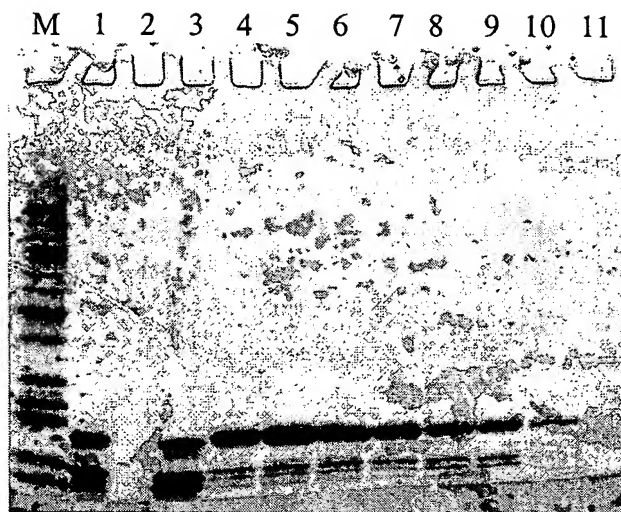


FIGURE 32

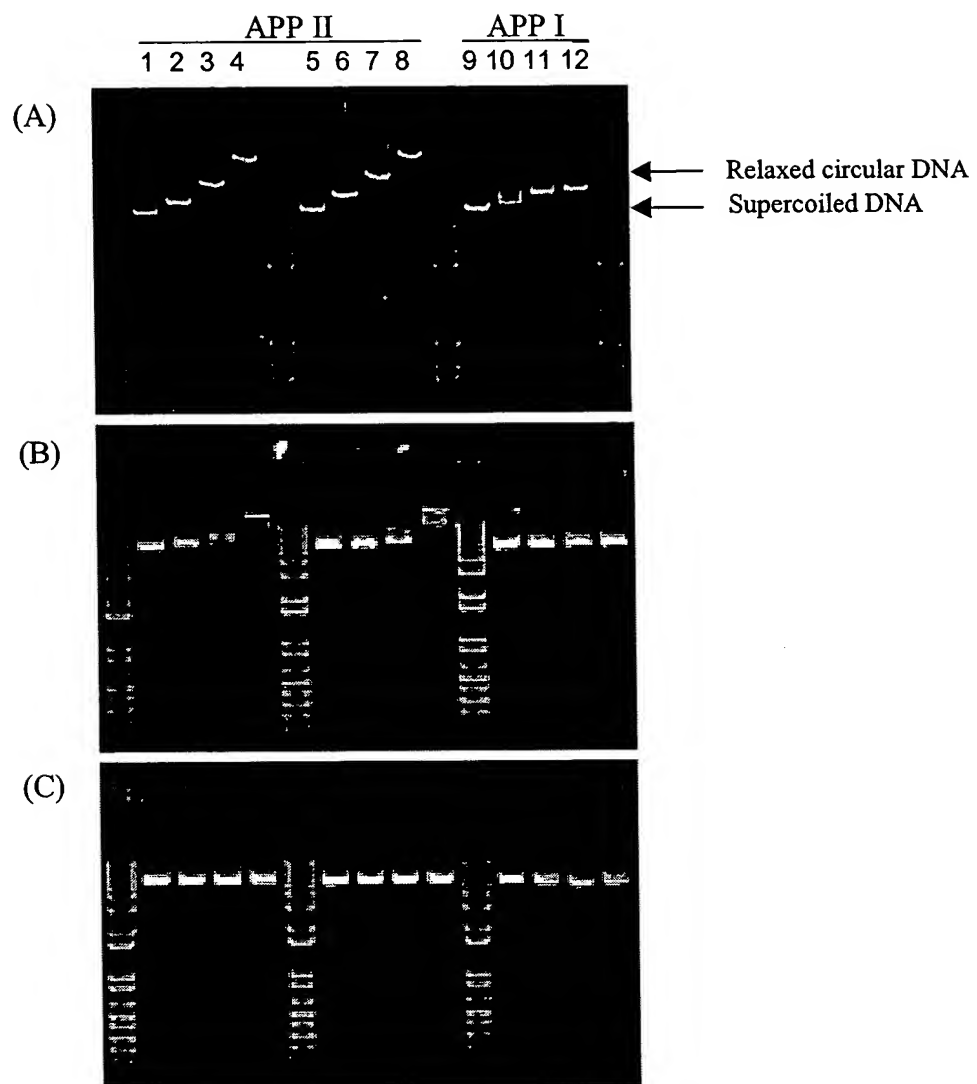


FIGURE 33

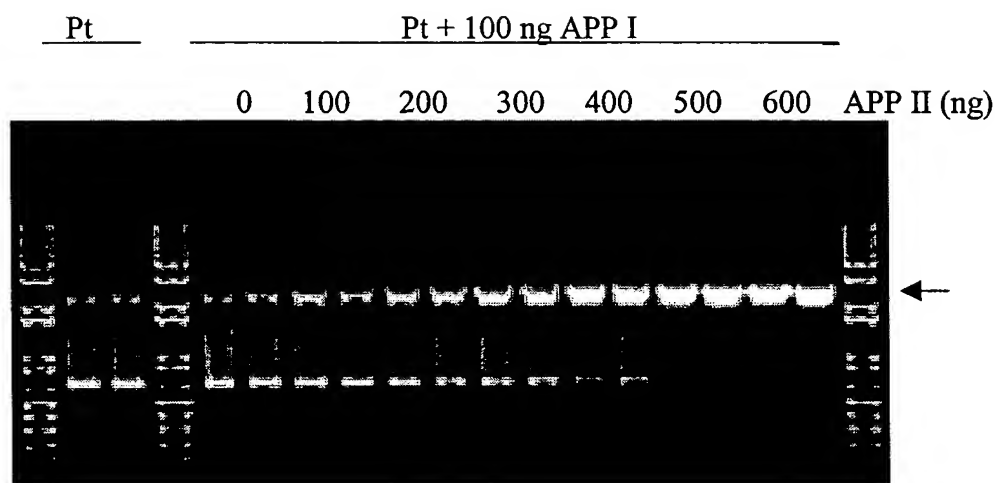


FIGURE 34

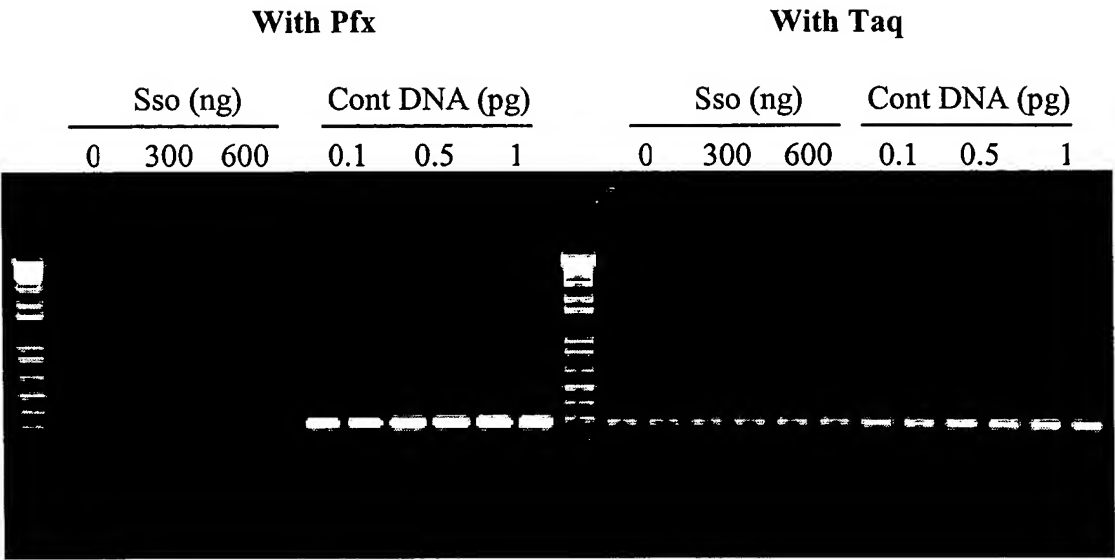


FIGURE 35

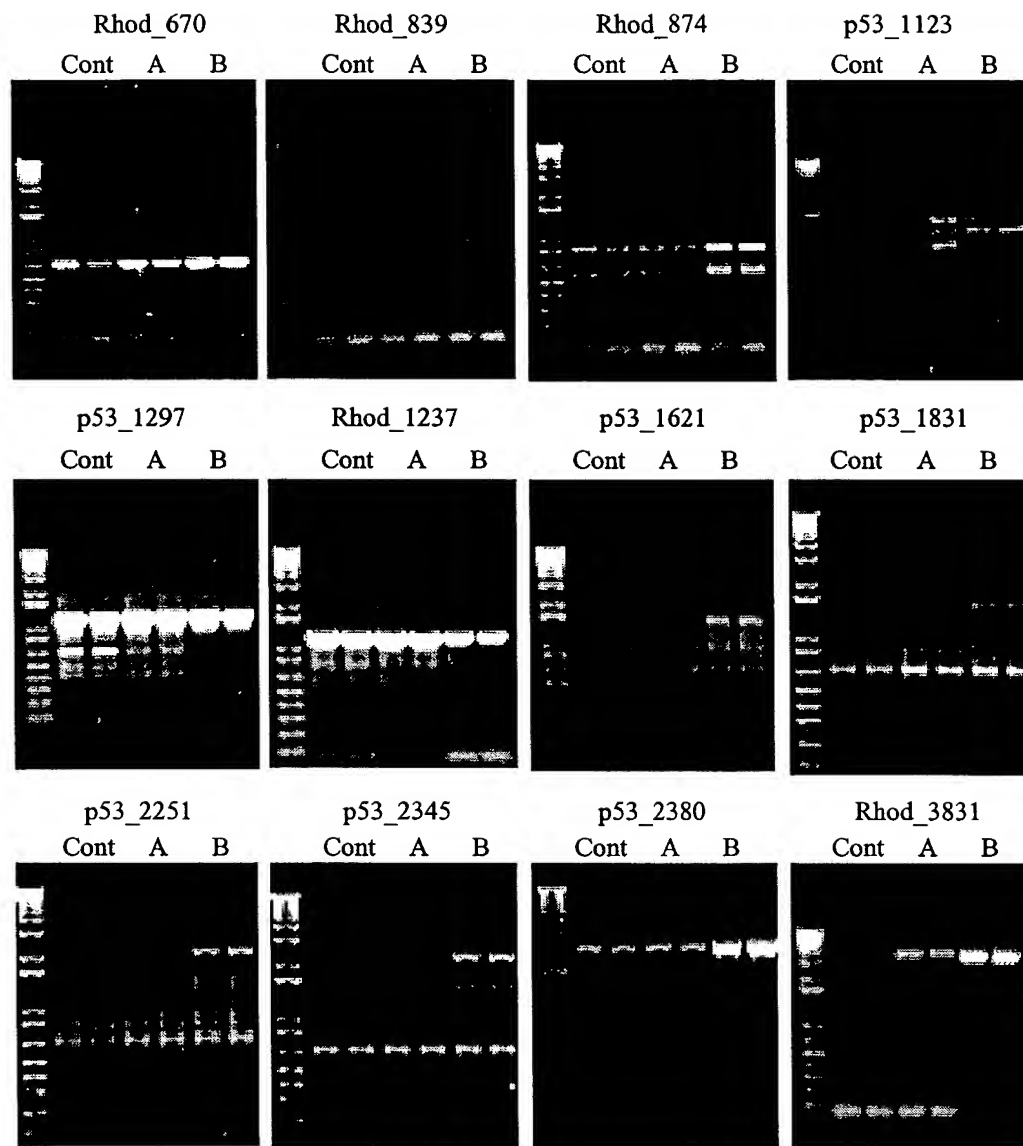


FIGURE 36

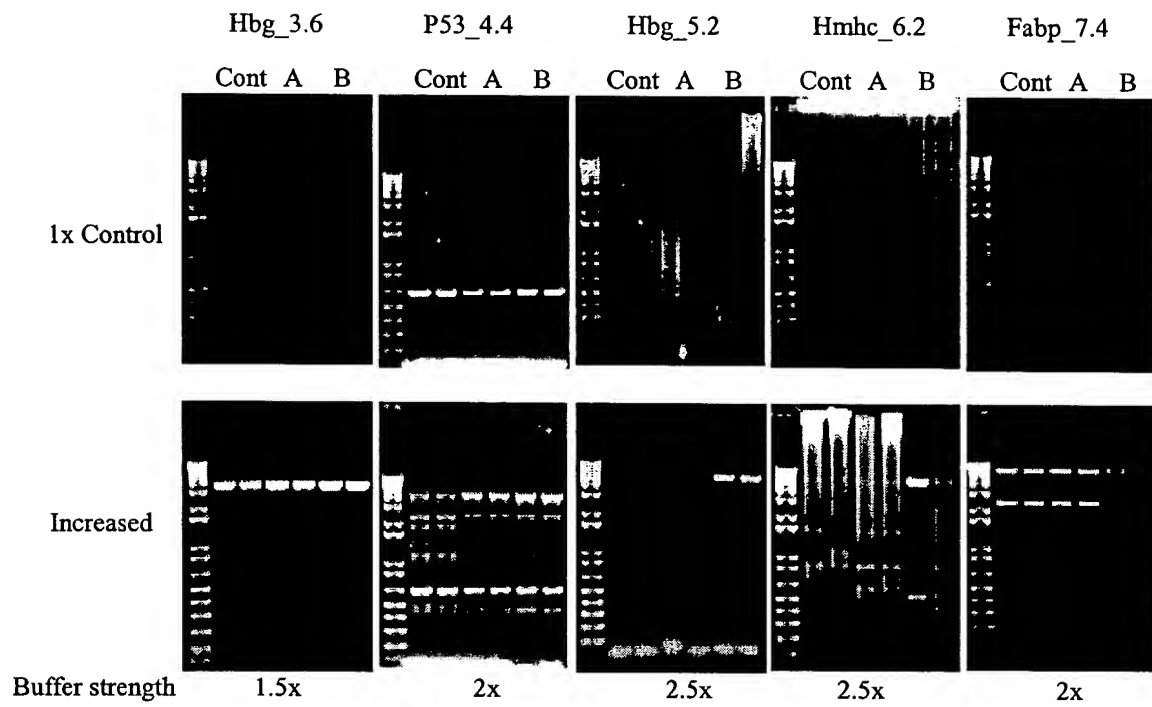


FIGURE 37

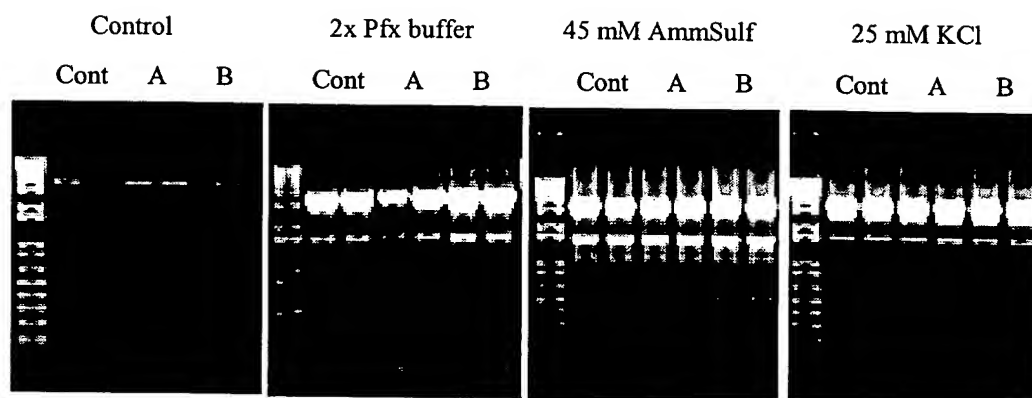


FIGURE 38

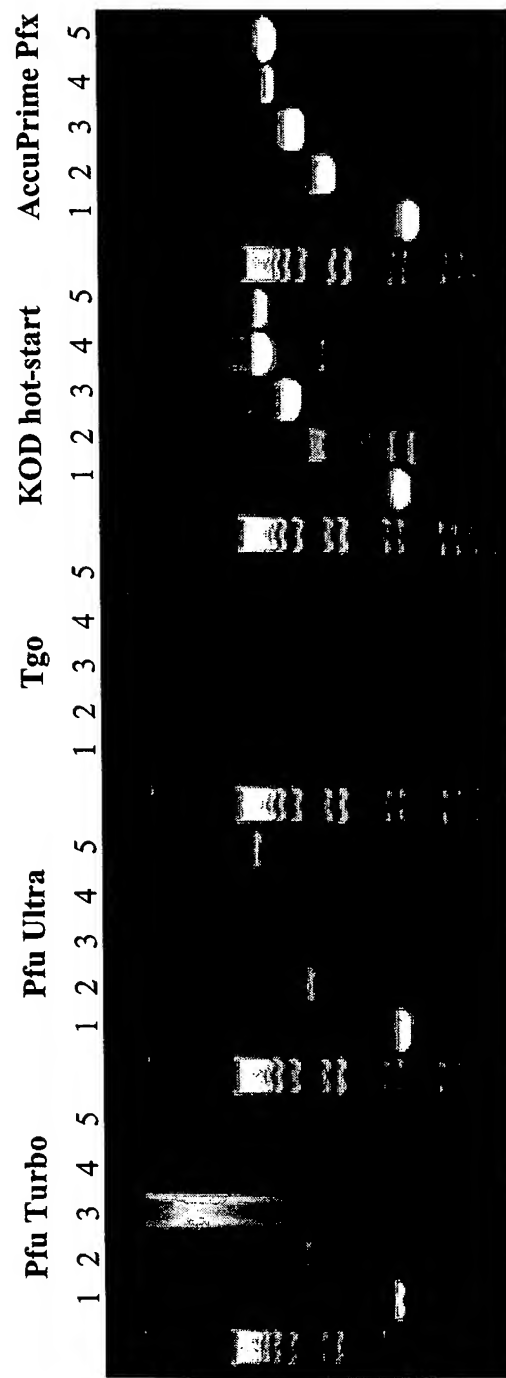


FIGURE 39

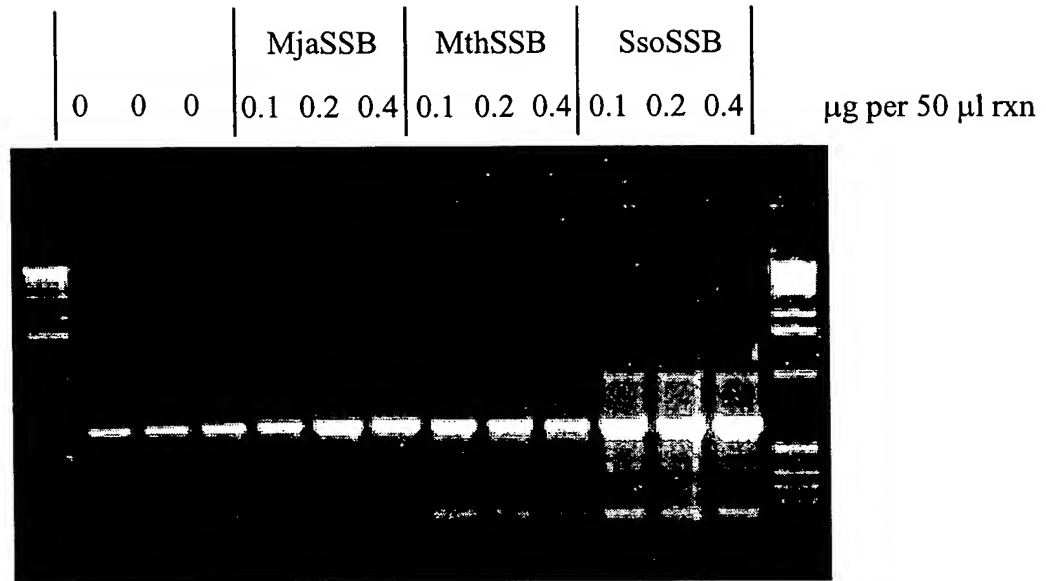
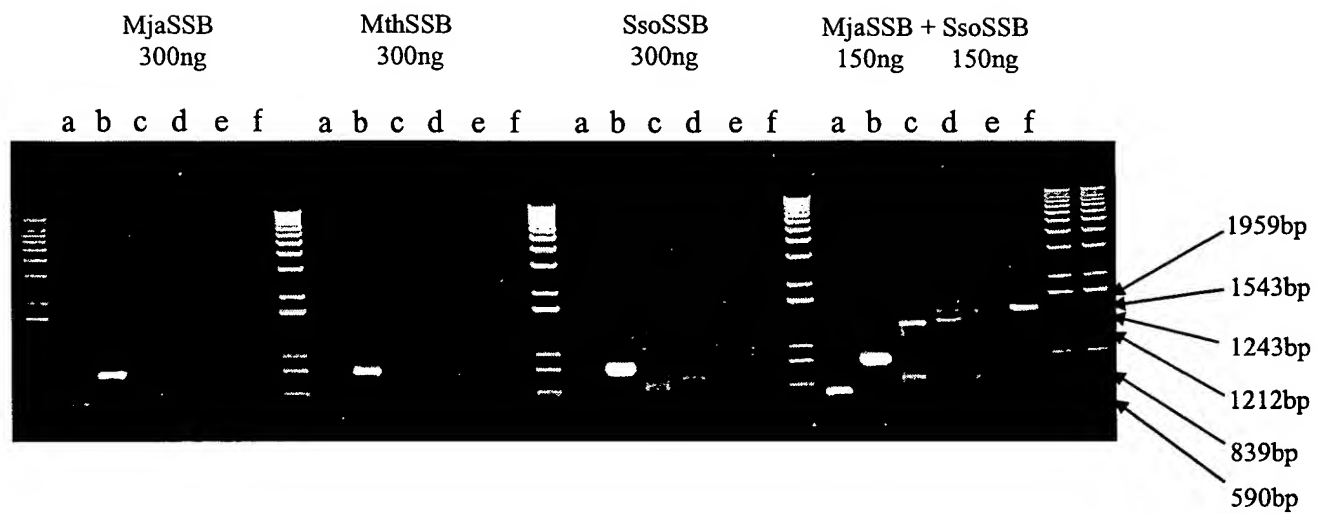


FIGURE 40



(A) Control

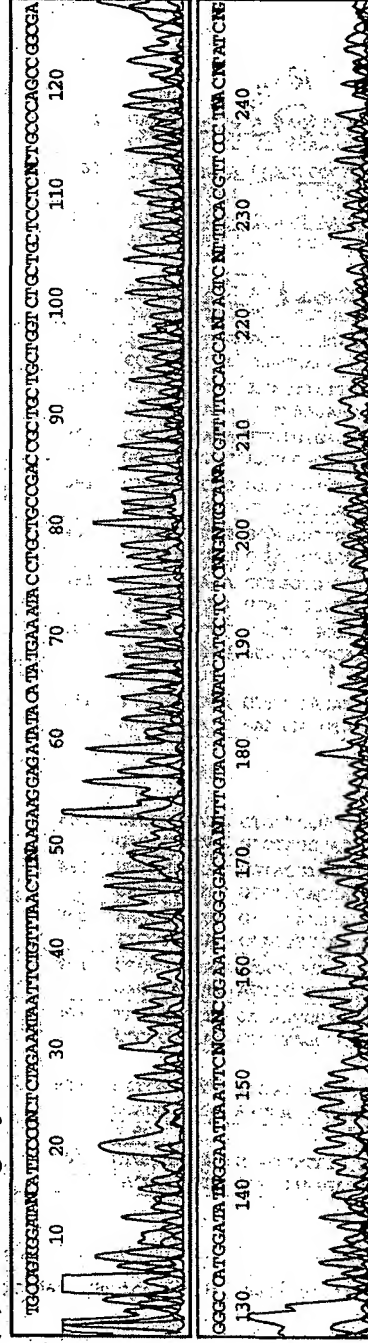
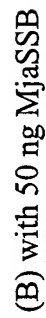


FIGURE 41 (Continued)

(C) with 100 ng MjaSSB

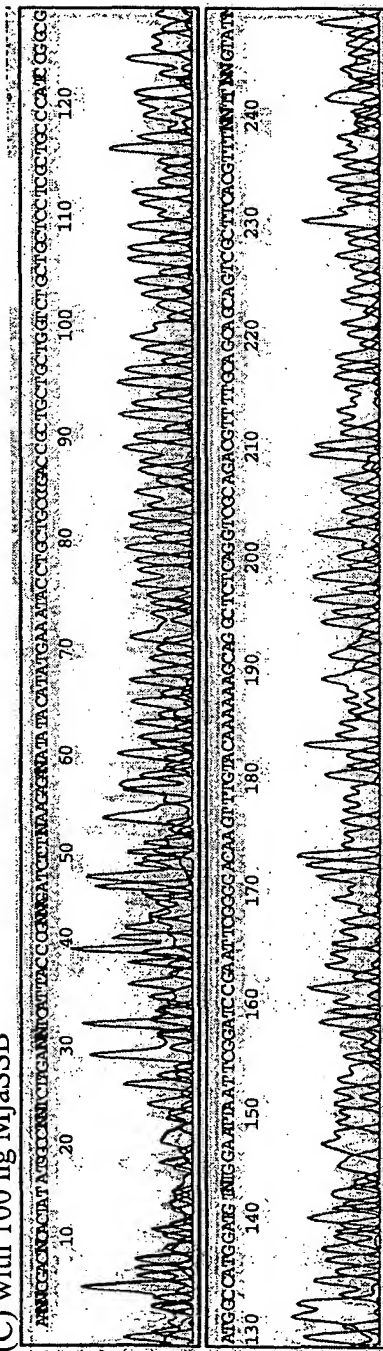


FIGURE 42

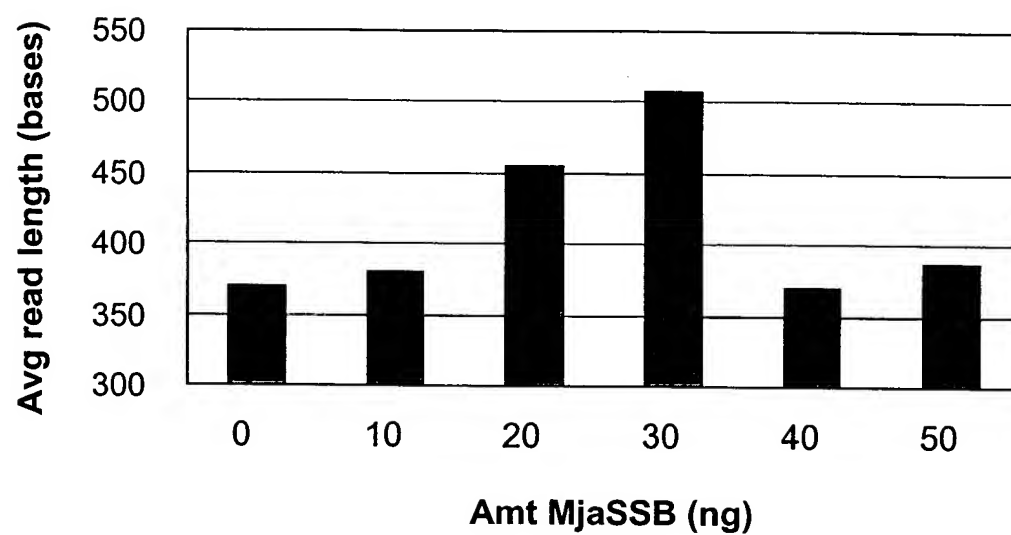


FIGURE 43

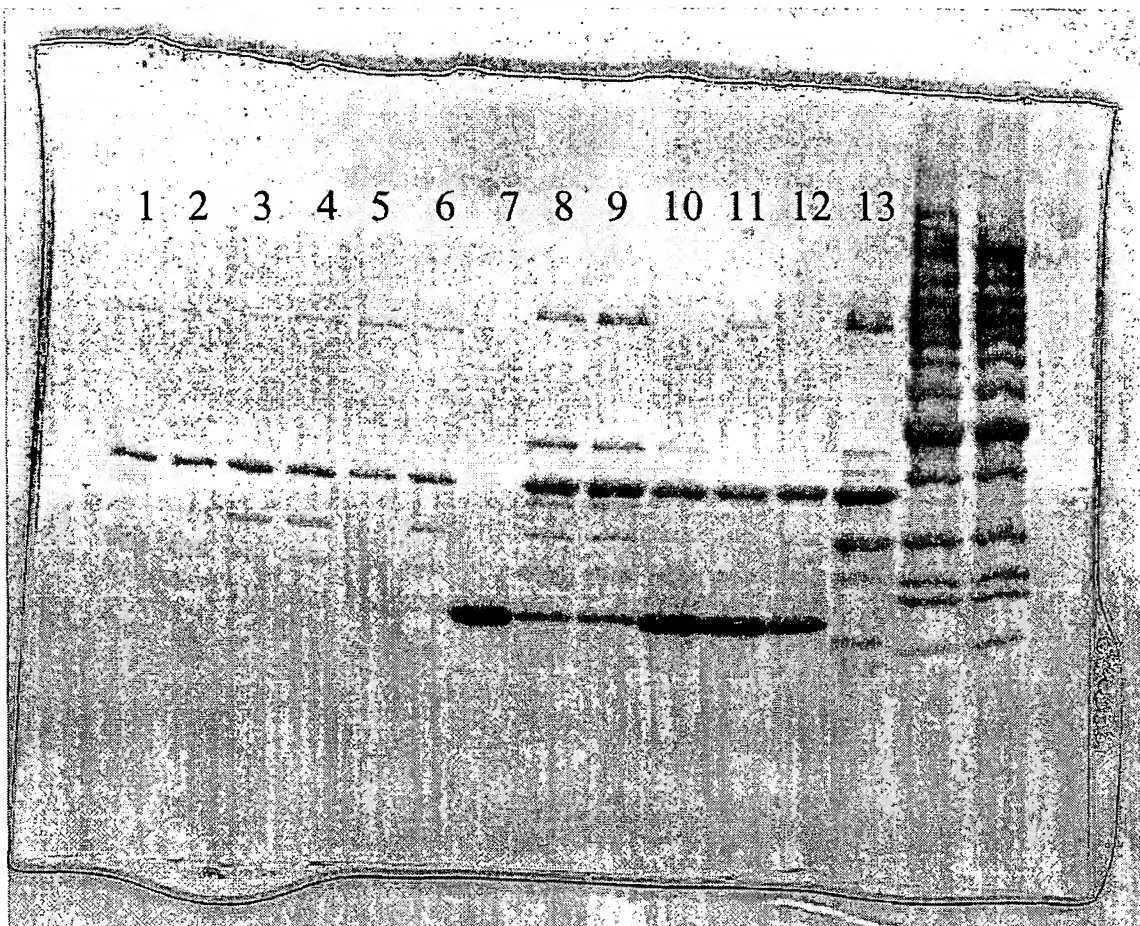


FIGURE 44

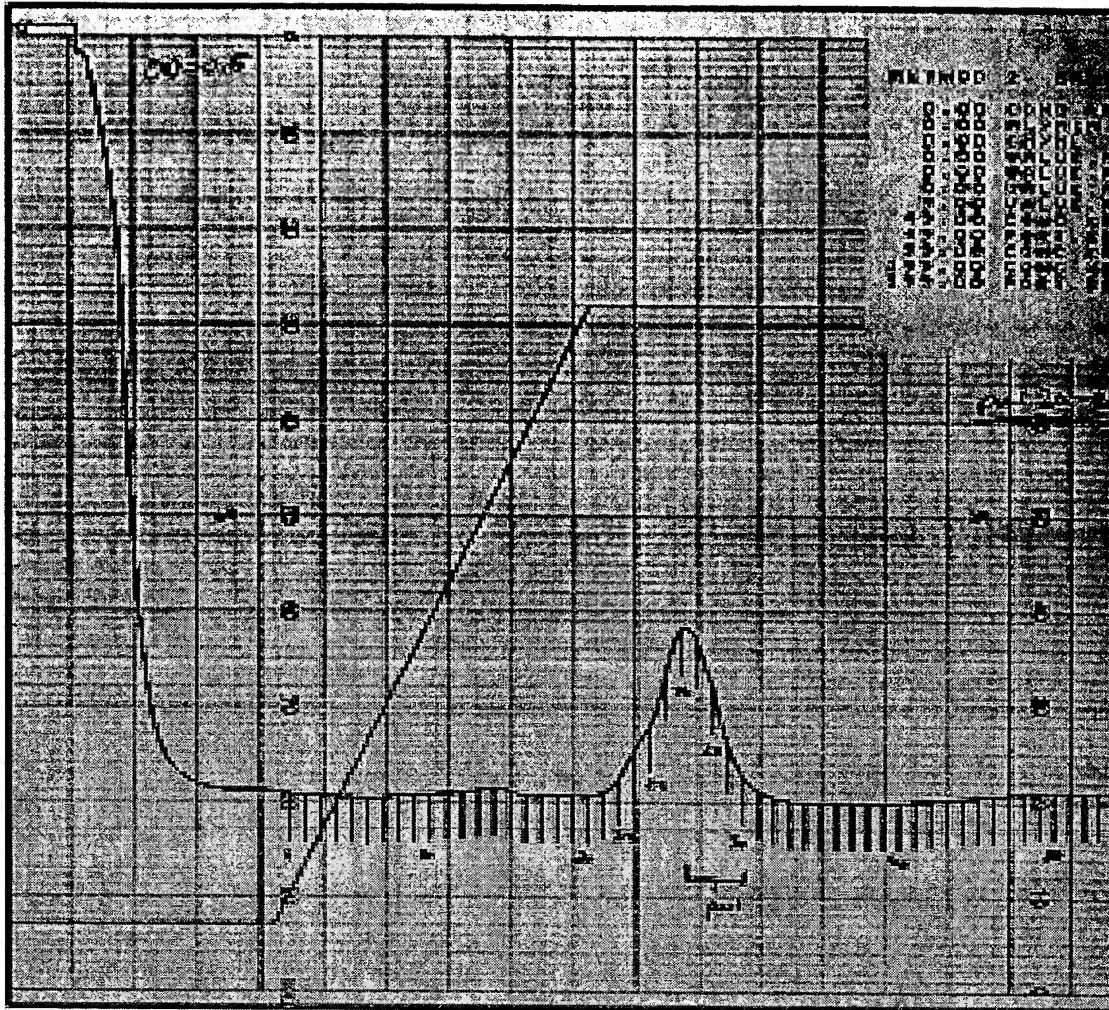
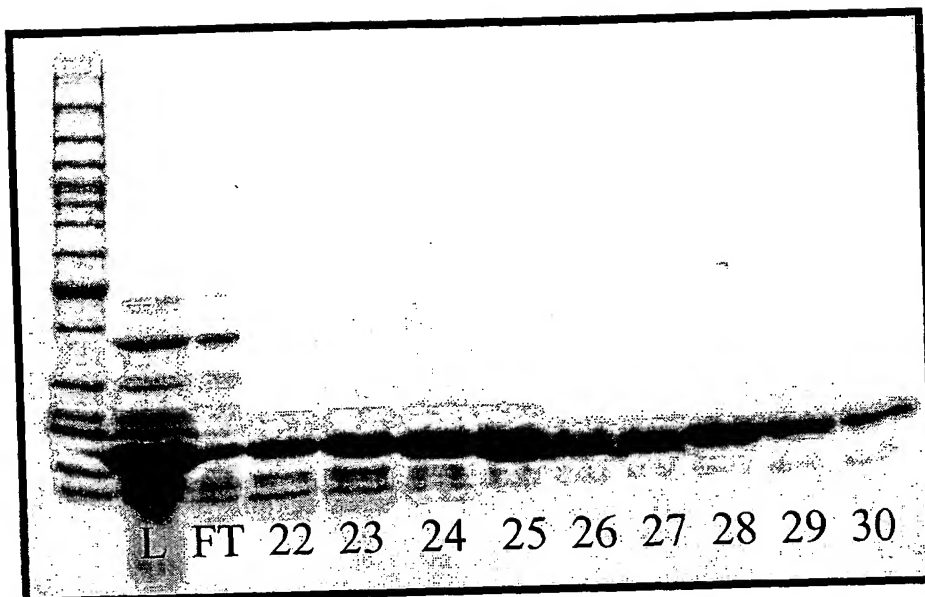


FIGURE 45

(A)



(B)

